

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

No. F.285. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Life Forge Co Ltd

for the Engines No. 605 being constructed by Messrs G. J. Gray & Co of Lough Shields

for the Ship No. , being built by of

have been inspected by me as set forth below, and found to be, so far as can be seen, Satisfactory

Scrub shaft fitted with continuous liner

Mark on Forgings or Castings.

Lloyd's
No. 4823
J.R.W

J.R. Williamson
Leith

	CRANK SHAFT.		STRAIGHT SHAFTING.		
			THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*	<u>Sm. I Steel</u>	<u>Sm. I Steel</u>			<u>Scrap Iron</u>
How made	<u>Forged</u>	<u>Forged</u>			<u>Forged</u>
Dimensions	<u>7 1/2" dia</u>	<u>7 1/2" dia</u>			<u>6" dia</u>
Progress on Inspection	<u>Turned to finish</u>	<u>Turned to finish</u>			<u>Turned to finish</u>
Tests on Standard Test Pieces.					
Tensile Test—					
Tons per square inch	<u>21.6</u>	<u>20.4</u>			<u>✓</u>
Extension per cent	<u>20 7/8</u>	<u>21 7/8</u>			<u>✓</u>
Cold Bending Test—					
Angle before fracture	<u>180°</u>	<u>180°</u>			<u>✓</u>
Dates when Inspected	<u>16-5-18</u>	<u>16-9-11-20</u>	<u>29-11-18</u>	<u>16-9-11-20</u>	<u>30-9-20</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £
To be paid at

* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.